

CLAIMS

What is claimed is:

1. A method of manufacture of an implantable drug infusion device comprising the steps of:

- (a) assembling a race configured to support a pump tube along a path;
- (b) assembling a roller assembly configured to apply pressure to the tube against the race at one or more points along the path, the roller assembly including at least one retracting roller;
- (c) retracting the roller away from the race; and
- (d) inserting a pump tube between the retracted roller and the race.

2. The method of manufacture of claim 1, further having the step of assembling a drive assembly to drive the roller assembly relative to the pump tube along the path so as to move the liquid through the pump tube.

3. The method of manufacture of claim 1, wherein the step of retracting the roller away from the race further includes compressing a biasing member that biases the roller towards the race.

4. The method of manufacture of claim 1, further having the step of deretracting the roller by moving the roller towards the race, thereby allowing the roller to apply pressure to the tube against the race.

5. The method of manufacture of claim 3, further comprising the steps of:

deretracting the roller by decompressing the biasing member; and
allowing the roller to move towards the race so that the biasing member causes the roller to apply pressure to the tube.

6. The method of manufacture of claim 1, wherein the step of assembling the roller assembly comprises assembling two or more retracting rollers, each retracting roller configured to apply pressure to the tube against the race, and the step of retracting comprises retracting each roller.

7. The method of manufacture of claim 1, wherein the step of assembling the roller assembly comprises assembling three or more retracting rollers, each retracting roller configured to apply pressure to the tube against the race, and the step of retracting comprises retracting each roller.

8. The method of manufacture of claim 1, wherein the step of retracting the roller away from the race further includes using a tool to retract the roller.

9. The method of manufacture of claim 1, wherein the step of retracting the roller away from the race further comprises inserting a part of a tool into a hole defined by an axle of the roller and moving the part of the tool away from the race.

10. The method of manufacture of claim 6, wherein the step of retracting the rollers away from the race comprises:

inserting a first part of a tool into a first hole defined by an axle of a first roller;
inserting a second part of the tool into a second hole defined by an axle of a second roller; and
moving the first and second parts of the tool away from the race.

11. The method of manufacture of claim 7, wherein the step of retracting the roller away from the race comprises:

inserting a first part of a tool into a first hole defined by an axle of a first roller;
inserting a second part of the tool into a second hole defined by an axle of a second roller;
inserting a third part of the tool into a second hole defined by an axle of a second roller; and
moving the first, second, and third parts of the tool away from the race.

12. The method of manufacture of claim 7, wherein the step of retracting further comprises:

inserting a part of a tool into a corresponding hole defined by an axle of each roller; and
moving each inserted part away from the race.

13. The method of manufacture of claim 10, wherein the step of retracting further comprises the step of sliding a sliding member along a length of the tool and toward the roller

assembly, thereby causing the first and second parts of the tool to move away from the race and towards each other.

14. The method of manufacture of claim 11, wherein the step of retracting further comprises the step of sliding a sliding member along a length of the tool and toward the roller assembly, thereby causing the parts of the tool to move away from the race and towards each other.

15. The method of manufacture of claim 12, wherein the step of retracting further comprises the step of sliding a sliding member along a length of the tool and toward the roller assembly, thereby causing the parts of the tool to move away from the race and towards each other.

16. The method of manufacture of claim 1, wherein the step of assembling the race includes the step of assembling the race within a pumphead assembly.

17. The method of manufacture of claim 1, wherein the step of assembling the roller assembly includes the step of assembling the roller assembly within a pumphead assembly.

18. The method of manufacture of claim 1, wherein the step of assembling the race further includes the step of assembling the race within a housing.

19. The method of manufacture of claim 1, wherein the step of assembling the roller assembly includes the step of assembling the roller assembly within a housing.